

FROM THE ORDINANCE OF 1787, LEADING TO THE ESTABLISHMENT OF OHIO UNIVERSITY, FIRST IN THE NORTHWEST TERRITORY

OHIO UNIVERSITY BULLETIN

EXTENSION-CORRESPONDENCE
ATHENS, OHIO

1962 - 1964

Visitors Welcome—

Visitors to the University are always welcome. Those desiring interviews with university personnel will often find it to their advantage to request appointments in advance. Office hours are from 8:00 to 4:00 Monday through Friday and 8:00 to 12:00 Saturday.

Address Inquiries—

concerning admission and the acceptance of credits to the
DIRECTOR OF ADMISSIONS

concerning catalogs, registration, grade transcripts, and
general university regulations to the REGISTRAR

concerning curricula and degree requirements of the various
colleges to the DEANS OF THE COLLEGES

concerning board and room to the DIRECTOR OF HOUSING

concerning scholarships, loans, and work opportunities to
the DIRECTOR, STUDENT FINANCIAL AIDS

concerning special conferences and other matters relating
to the Summer Session to the DIRECTOR, SUMMER
SESSION

concerning veterans affairs to the COORDINATOR OF
VETERANS AFFAIRS

concerning correspondence study, evening, and extension
classes to the DIRECTOR OF UNIVERSITY EXTENSION

PICTURES

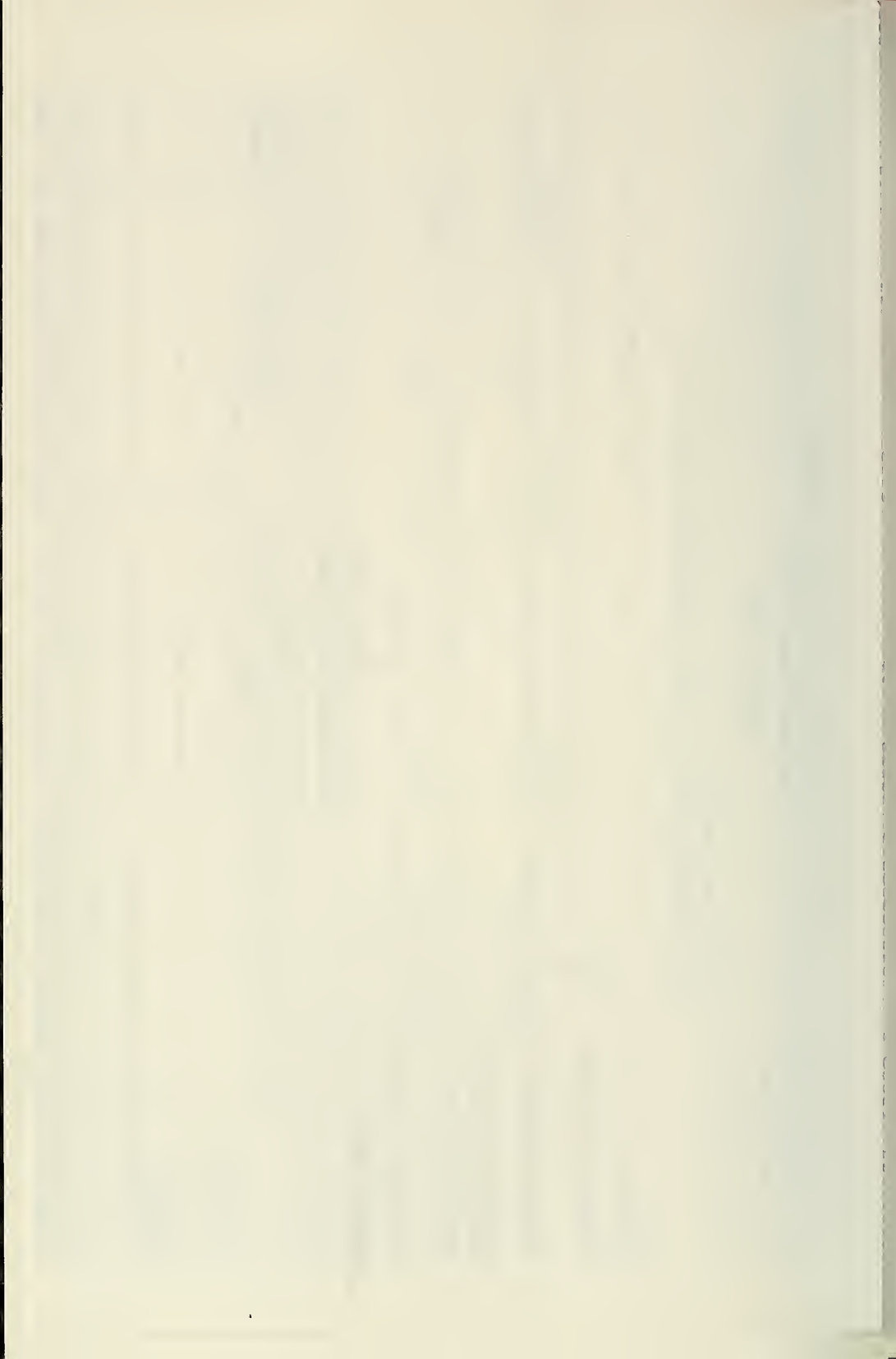
*Alumni Gateway
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OHIO UNIVERSITY

ATHENS, OHIO

APPLICATION FOR REGISTRATION

Make checks, money orders or drafts payable to "Ohio University". No portion of a fee can be refunded after three months from date of registration. Also no portion of a fee can be refunded after three lessons have been mailed even though the registration is not three months old.



OHIO UNIVERSITY BULLETIN

THE EXTENSION DIVISION

Correspondence Study



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OHIO UNIVERSITY

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OHIO UNIVERSITY

HISTORICAL BACKGROUND

Ohio University was first conceived of and planned for in 1786 by officers and men who had served in the Revolutionary War. It came into being with the passage by the Legislature of the State of Ohio, February 18, 1804, of an act establishing "an University . . . in the town of Athens . . . by the name and style of the Ohio University." The University thus became the first institution of higher learning in the Northwest Territory, an area from which was ultimately carved five great states — Ohio, Indiana, Illinois, Michigan, and Wisconsin. It has grown with the nation and the state into a diversified and effective institution of higher education.

THE UNIVERSITY TODAY

Ohio University is composed of the following colleges and other major units:

- The University College

- The College of Applied Science
 - The School of Home Economics

- The College of Arts and Sciences

- The College of Commerce
 - The School of Journalism

- The College of Education

- The College of Fine Arts
 - The School of Architecture
 - The School of Dramatic Art and Speech
 - The School of Music
 - The School of Painting and Allied Arts

- The Graduate College

- The Branches

- The Division of Physical Education and Athletics

- The Reserve Officers' Training Corps

- The University Extension Division

- The Summer Session

THE EXTENSION DIVISION

The function of correspondence study is to make the offerings of Ohio University available to those persons who must devote a large part of their time to other duties.

Many of the foremost American universities have recognized that this is a satisfactory plan for the extension of educational facilities. Teaching by correspondence has become a part of the educational system of colleges and universities in approximately forty states and the District of Columbia where it has been demonstrated that efficient college work can be done by correspondence.

Some of the advantages of residence study are lacking, but correspondence study has compensating advantages. It develops and encourages self-reliance, initiative, and perseverance; and the teaching is individual and personal.

The Extension Division offers correspondence courses only on the college level.

CORRESPONDENCE COURSES AT THE COLLEGE LEVEL

Many of the departments of instruction at Ohio University offer correspondence courses. These courses parallel residence work as far as the nature of the subject will permit. They have the same course numbers and are usually taught by the instructors who offer the courses in residence. If you need assistance with the selection of subjects, consult your college adviser or another person who is to pass on the sufficiency of your credits. The Extension Division is not authorized to advise students on academic requirements nor to suggest which courses may be acceptable for meeting teacher certification requirements.

CREDIT. The maximum amount of credit earned through correspondence and extension work and applicable toward a degree or certificate is limited to 25 per cent of the hours required for a degree or certificate. **CREDIT EARNED BY CORRESPONDENCE STUDY CANNOT BE APPLIED TO GRADUATE WORK.**

Students who are seeking a degree from Ohio University and who expect to receive credit toward graduation for correspondence courses are reminded that their written work must be up to the standards of Ohio University. If written work submitted in a correspondence course is deficient, the instructor may recommend the award of a **CONDITION IN COMPOSITION**. A **CONDITION IN COMPOSITION** requires the student to enroll in the Writing Clinic and, upon successful completion of the Writing Clinic, to retake and pass the English Proficiency Test.

A student may enroll for correspondence study on a non-credit basis. Such an enrollee is required to pay the same fees as other students, but he is not required to take mid-course and final examinations. Request for a transfer from credit to a non-credit basis must be made before two-thirds of the course is completed and will be made only if the student is doing satisfactory work.

ADMISSION. Students who have graduated from first-grade high schools are admitted to correspondence study at the college level. A person who is not a graduate of a first-grade high school is permitted to take correspondence courses at the college level provided he is 21 years of age or older and provided the instructor believes that he is capable of carrying the course.

The application for registration is the only admittance paper required. It will be assumed that the information given by a student in his application is correct. Incorrect information may invalidate credit.

No one is accepted for correspondence instruction who is not in good standing at the college or university last attended.

A student admitted to correspondence study may or may not be admitted for study in residence. A student contemplating study in residence should write to the Director of Admissions, Ohio University, Athens, Ohio, for information on admission requirements.

REGISTRATION. A student secures his application for registration from the Extension Division. Any person working toward a degree at Ohio University must have written permission from the dean of his college regardless of whether or not he is enrolled in residence study at the time he enrolls. Likewise, a student currently registered in another school must present a permit from the dean of his college. Registration for a correspondence course may be made at any time. The application for registration must be accompanied by the required fee in full.

FEES	Residents of Ohio	Non- Residents
Registration fee, each semester hour	\$12.00	\$13.00
Transfer fee	2.00	2.00
Extension of time fee	4.00	4.00

A resident of Ohio pays \$24.00 for two semester hours, \$36.00 for three semester hours, and so on.

REFUND OF FEE. If the application of a student is rejected, his fee will be refunded in full. Two-thirds of a registration fee is returned if a student withdraws from a one-, two-, or three-hour course before his registration is three months old, provided no more than three lessons have been mailed. If a student withdraws from a four- or five-hour course, \$10 will be deducted from the original registration fee and the remainder will be refunded to the student provided the course is not more than three months old and not more than three lessons have been submitted. If four or more lessons have been mailed, no refund of fee is made even though the registration is less than three months old.

TRANSFER FEE. A correspondence student may change his registration to another course in the Extension Division by paying a fee of \$2.00, provided he makes the request for transfer before his original registration is three months old and before no more than three lessons have been mailed in the original course. A student cannot transfer fees paid for correspondence

courses to extension classes or to classes on campus or in an Ohio University branch. When a student transfers, the time limit begins on the date of the original registration. Members of the armed forces under USAFI and veterans under a G.I. Bill cannot transfer from one course to another. They must be disenrolled from the original course and then apply for enrollment in the new course.

BOOKS. Books and other materials for a course are to be purchased by the student. Soon after the registration fee has been received, a study guide will be mailed containing instructions for ordering texts. The Extension Division does not handle textbooks.

LESSONS OR STUDY UNITS. A one-hour course consists of 12 lessons, or study units; a two-hour course consists of 24 lessons, or study units; and a three-hour course consists of 36 lessons, or study units. Approximately three hours will be required by the average student to complete one lesson.

Graded lesson papers are the property of the Extension Division; the final grade in a course will be withheld until all of the graded lessons are returned to the Extension Division.

TIME LIMIT FOR COURSE. The maximum time for the completion of a course is nine months. The maximum time starts with the date of registration. A student can secure an extension of time for three months upon the payment of a fee of \$4.00. *Not more than three extensions of time* will be granted under any circumstances.

The minimum time schedule starts on the date the first lesson is received in the Extension Division office. For example, the usual time on a course for three semester hours is approximately ten weeks, lessons being submitted at the rate of six per week, and the total time on two three-semester hour courses taken concurrently is twenty weeks. Under no circumstances may lessons be submitted at a rate greater than six per week. The additional time for completion is necessary in order to process the mid-course and final examinations. Lessons are counted toward the permissible number of six per week when they are *received* in the Extension Division office from Monday through Saturday.

COMPLETION OF COURSES. It is the responsibility of the student to enroll in sufficient time to complete a course or courses for which he has enrolled to satisfy graduation requirements or certification for a teacher's certificate. Ordinarily, a student should allow at least four weeks beyond the minimum time allowed for completion. If a student has a deadline to meet he would be well advised, in addition to allowing the time indicated above, to inform his instructor when he sends in his first lessons when that deadline occurs and why he desires completion by that date. *Grades for candidates for degrees are expected to be in the Registrar's office one full week before the commencement date, and students must plan to meet this deadline.*

A student, either from Ohio University or any other institution, who is a candidate for graduation at mid-year or in June must register not later than one week after the corresponding registration day in each semester.

SUMMER ENROLLMENT. Students seeking to complete courses at the end of a summer should bear in mind that instructors are on vacation during August and early September and sometimes are not available to mark and return their lessons. A student should not expect to complete more than three semester hours by correspondence within the summer months. For reasonable assurance of completion by fall, therefore, enrollment should occur **AT LEAST TEN WEEKS PRIOR TO AUGUST 1.**

EXAMINATIONS. Mid-course examinations and final examinations are required in nearly all courses. Application for the final examination should be made no later than one month after submitting the last lesson. Two weeks should be allowed after applying for the examinations until they are received. A student is to wait for the return of all preceding lesson papers before attempting an examination. **LESSONS BEYOND THE MID-COURSE EXAMINATION CANNOT BE SUBMITTED UNTIL THIS EXAMINATION HAS BEEN TAKEN.** A student who lives in Athens County or is a student at Ohio University is required to take his examinations in the office of the Extension Division. Examinations are given only on Saturday mornings at 9 o'clock in Wilson Hall. Students are not notified as to when they may take an examination. They may report on any Saturday convenient to them after they have received their graded lessons. However, they must apply for a **CAMPUS** examination in advance by submitting the application for examination.

Others may take examinations either in the office of the Extension Division (in order to expedite completion of a course), or under the supervision of a school superintendent, a city or exempted village high school principal, an executive head of a local high school district, or a member of a college or university faculty with the rank of assistant professor or above. Examinations for **USAFI** students are supervised by the education officer or chaplain.

No fee is paid by the Extension Division to the person who supervises an examination. Since the examinations are the only part of the correspondence course done under supervision, they are of great importance in computing the final grade.

OFFICIAL CERTIFICATION OF INDIVIDUAL COURSE GRADE. This may be requested from the Registrar. The cost is 50 cents. The cost of a complete official transcript of record is \$1.00.

THE SEVEN COLLEGES AT OHIO UNIVERSITY

Brief information about each of the seven colleges at Ohio University follows. Students desiring facts relative to degrees and other requirements should write to the appropriate academic dean. The Extension Division is not authorized to advise students on requirements.

THE UNIVERSITY COLLEGE. All freshmen enroll in the University College, a college concerned primarily with the problems of first-year students—their courses of study, and their guidance during the period of transition

from high school to college. The freshman year in the University College and the following three years in one of the degree-granting colleges represent the normal time required for completion of any of the baccalaureate degree programs.

The University College also enrolls students interested in terminal programs of less than four years duration. Such a program pursued for two years can qualify a student for an Associate in Arts degree. The requirements in semester hours are: English composition, 6-9; physical education, 2; speech, 1; general education, 12; career courses (vocational), 24; electives, 17. Several of these required courses can be completed through correspondence study. For additional details, write to Dean, University College, Ohio University, Athens, Ohio.

THE COLLEGE OF APPLIED SCIENCE offers curricula accredited by the Engineers Council for professional Development in Civil, Electrical, and Mechanical Engineering (including an Industrial Option). Chemical Engineering is also offered. The school of Home Economics offers curricula leading to the degree BS in Home Economics. The Department of Industrial Arts offers a curriculum leading to the degree BS in Industrial Technology, as well as work in Industrial Arts for students of Education. The non-degree granting department of Engineering Graphics is under the supervision of the college.

THE COLLEGE OF ARTS AND SCIENCES provides the student an opportunity to secure a well-rounded liberal education. Its programs of study lead to the degree of Bachelor of Arts with a major in any department in the College and many departments in other colleges, and the degree of Bachelor of Science with a major in the laboratory science departments within the College. Special curricula are offered for preparation for work in atomic energy and industrial physics, and preprofessional preparation for dentistry, forestry, government foreign service, law, medical technology, medicine, nursing, occupational therapy, optometry, pharmacy, physical therapy, social work, teaching, theology, and veterinary medicine, and for work in juvenile delinquency and criminology.

THE COLLEGE OF COMMERCE offers programs of study leading to the following degrees: Bachelor of Science in Commerce, Bachelor of Science in Journalism, Bachelor of Science in Secretarial Studies, and Bachelor of Science with a major in Agriculture. The curriculum for the Bachelor of Science in Commerce degree permits, but does not require, specialization. Fields which may be stressed include accounting, advertising-marketing, economics, finance, management, law school preparation, and statistics. The School of Journalism, an integral part of the College of Commerce, offers five sequences, all leading to the Bachelor of Science in Journalism degree. These are: Advertising-Management, Magazine Journalism, News Writing and Editing, Public Relations, and Radio-Television News. The curriculum leading to the Bachelor of Science in Secretarial Studies degree is designed to give the student a high proficiency in the secretarial skills, an understanding of the basic business areas, and a well-rounded back-

ground in cultural subjects. The College of Commerce cooperates with the College of Education in offering majors in agriculture, bookkeeping-basic business, and business education.

THE COLLEGE OF EDUCATION prepares teachers for all grade levels and types of schools. The degree of Bachelor of Science in Education combines broad general education with professional programs leading to positions as teachers in kindergarten, primary, intermediate, or high school, the various academic subjects, and in such special subjects as art, dramatic art and speech, guidance and counseling, home economics, industrial arts, music, physical education, and speech and hearing therapy.

THE COLLEGE OF FINE ARTS comprises the School of Architecture, the School of Dramatic Art and Speech, the School of Music, and the School of Painting and Allied Arts. Within these schools opportunities are offered for a broad cultural education in the fine arts and for special training in the following departments: dramatic production, radio-television, speech and hearing therapy, public address, music (applied, history, literature, theory, composition, education, and music therapy), architecture, design, painting and drawing, photography, art history and appreciation, art education, and sculpture and ceramics. The degrees of the college are Bachelor of Fine Arts and Bachelor of Architecture.

THE GRADUATE COLLEGE offers advanced study and provides facilities for research leading to the degrees of Master of Arts, Master of Education, Master of Science, Master of Business Administration, Master of Fine Arts, and Doctor of Philosophy. While no correspondence work may be taken for graduate credit, it is possible in some approved instances to obtain a maximum of six hours of graduate work by extension classes. Courses in academic and professional fields are available through the various divisions of the University. To secure further information concerning graduate study, see the request form on the inside of the back cover of this catalog.

THE SUMMER SESSION

The Summer Session at Ohio University represents a cross section of the total program of the University with all divisions represented. Instruction is by members of the regular university faculty. The Summer Session has two five-week terms.

Attendance in the Summer Session may be used to reduce the time required to complete a four-year college course. A student who enrolls at Ohio University immediately after high school graduation and who attends all summer sessions, may graduate in three years.

Courses in the summer session will be offered in all phases of the regular program of the University, including substantial offerings on the graduate level.

A special bulletin covering the offerings of the Summer Session is available. Use the request form which appears on the inside of the back cover of this catalog.

THE BRANCHES

Branches of Ohio University operate in Chillicothe, Ironton, Lancaster, Martins Ferry, Portsmouth, Zanesville, and at the Lockbourne Air Force Base. Work at the freshman and sophomore levels is offered. Branches were originally established in 1946 in Chillicothe, Portsmouth, and Zanesville to accommodate the large number of World War II veterans desiring to enter college. They continued to develop and are now a permanent and significant part of the total University program. The branches in Lancaster and Ironton were established in 1956. The Martins Ferry Branch opened in 1957. In addition to late afternoon and evening classes, daytime classes are offered at Chillicothe and Portsmouth.

All qualified high school graduates and adults are eligible to take work in the branches and may earn up to two years of credit in the fields of commerce, arts and sciences, and education. One year of credit may be earned in engineering and fine arts. A limited amount of graduate work is also offered.

Work offered in the branches is like that given on the main campus, with students receiving full residence credit. Many students after the second year transfer to the main campus or to other colleges and universities to complete the baccalaureate degree.

The cadet teacher program is featured in each branch and makes possible the completion of all requirements for the cadet teaching certificate. Twenty scholarships, ten freshman and ten sophomore, are awarded annually in each branch to students in this program. Locally sponsored scholarships are also available.

The branch program affords students the opportunity to pursue a college education while living at home and working full time or part time.

COURSES OF INSTRUCTION

Numbers 1-99 designate courses for Freshmen.

Numbers 100-199 designate courses for undergraduates above the freshman level.

Numbers 200-299 designate courses for advanced undergraduates (Juniors and Seniors).

Numbers 300-399 designate courses for advanced undergraduates and graduate students.

Graduate credit cannot be secured by correspondence study.

The prerequisite for a course is indicated by a course number which refers to the same department unless otherwise indicated. A student who completes an advanced course may not subsequently enroll in a prerequisite course for credit.

The name of the instructor appears at the end of the course description.

ACCOUNTING

75. ELEMENTARY ACCOUNTING. The fundamental principles of accounting theory and practice as they affect corporations, partnerships, and proprietorships. Credit, three semester hours. BECKERT.

76. ELEMENTARY ACCOUNTING. Continuation of Accounting 75. Prereq., 75. Credit, three semester hours. BECKERT.

125. INTERMEDIATE ACCOUNTING. Preparation and analysis of accounting statements; special problems in accounting for current, fixed, and intangible assets, for liabilities, and for corporate net worth; funds and reserves; and investments. Prereq., 76. Credit, three semester hours. BECKERT.

126. INTERMEDIATE ACCOUNTING. Continuation of Accounting 125. Prereq., 125. Credit, three semester hours. BECKERT.

175. COST ACCOUNTING. Manufacturing cost determination under the job-order and process systems. Prereq., 125 or 76 and permission. Credit, three semester hours. BECKERT.

217. TAX ACCOUNTING. Beginning study of Federal income taxes and State taxes for individuals, partnerships, and corporations. Prereq., 125. Credit, two semester hours. STEWART.

261. TEACHING OF BOOKKEEPING AND BASIC BUSINESS. This course is intended for teachers or prospective teachers of bookkeeping and social business subjects in junior and senior high schools. Consideration is given to the objectives in bookkeeping, junior business training and commercial arithmetic courses, the place of such courses in the junior and senior high

schools; the amount of time to be devoted to the subject. Methods of conducting recitations, grading, keeping records, examination, and standards will be considered. Prereq., 125. Credit, two semester hours. BECKERT.

343. **FEDERAL INCOME TAX ACCOUNTING.** Study of advanced tax problems of individuals, partnerships, and corporations including tax planning and administration. Prereq., 217. Credit, two semester hours. STEWART.

356. **AUDITING PRINCIPLES AND PRACTICE.** Purposes and scope of audits and examinations; audit principles and procedure; application of audit principles to practice material based on actual audit; and audit reports and certificates. Prereq., 126 and 175. Credit, three semester hours. BECKERT.

ADVERTISING

155. **ADVERTISING PRINCIPLES.** A survey of advertising which considers its place in the field of marketing and its fundamental procedures. Prereq., Mkt. 155 or permission. Credit, three semester hours. TURNBULL.

ART — See Fine Arts

BOTANY

3. **GENERAL BOTANY.** The structure and functions of plants; their life cycles, classification and heredity; a survey of the plant kingdom; fundamental interrelationships of plants and animals, including man. A student must have access to a microscope. It may be possible for a resident of Ohio to rent a microscope from the Botany Department for \$5 for three months, provided it is impossible for him to secure one in another way. The Botany Department will expect a student to pay for any damage or loss incurred while the microscope is in his possession and to insure it in return transit. This course is not credited as a laboratory science at Ohio University, unless the student earns one additional hour of credit by attending a regular laboratory section in General Botany on the Campus. Credit, two semester hours. WISTENDAHL.

4. **GENERAL BOTANY.** A continuation of Botany 3. Prereq., 3. Credit, two semester hours. WISTENDAHL.

133. **NATURE STUDY.** A course designed to develop in the student an awareness, an understanding, and an appreciation of living things which he commonly finds about him. Emphasis is also placed upon materials and methods that will be of use to teachers. By correspondence only. This course will not apply toward any degree at Ohio University. Credit, three semester hours. WISTENDAHL.



Ohio
University
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The
College
Green

BUSINESS LAW

255. BUSINESS LAW. The principles of law involved in contracts, agency, sales, negotiable instruments, partnerships, and corporations. Prereq., junior or senior rank. Credit, three semester hours. KLOSS.

256. BUSINESS LAW. Continuation of Business Law 255. Prereq., 255. Credit, three semester hours. KLOSS.

342. LAW OF REAL ESTATE. Deeds, mortgages, leases, and other interests in real property, and the relationships between landlord and tenant. Prereq., 256 or permission. Credit, three semester hours. KLOSS.

375. GOVERNMENT AND BUSINESS. A study of statutes and court decisions by which government controls, regulates, and aids business under the commerce clause, the police power, and the anti-trust laws. Prereq., 255 or permission. Credit, three semester hours. KLOSS.

CHEMISTRY

3. GENERAL CHEMISTRY. A beginning course designed to provide a general survey of the subject. This course is not credited as a laboratory science at Ohio University, unless the student earns one additional hour's credit on the Campus in laboratory. Prereq., high school algebra. Credit, three semester hours. HUNTSMAN.

4. GENERAL CHEMISTRY. A continuation of Chemistry 3. This course is not credited as a laboratory science at Ohio University, unless the student earns one additional hour's credit on the Campus in laboratory. Prereq., 3. Credit, three semester hours. HUNTSMAN.

113. ORGANIC CHEMISTRY. This is a short non-laboratory course in the fundamentals of organic chemistry. The work is adapted for students planning to take home economics, medical technology, or pre dental courses. Prereq., 4. Credit, three semester hours. HUNTSMAN.

CLASSICAL LANGUAGES

Greek

1. BEGINNING GREEK. An introduction to the rudiments of the language including fundamental grammatical principles, pronunciation, and a working vocabulary. There is emphasis also upon the Greek element in English. In order to do these courses successfully by correspondence, a student should have studied some Latin. Credit, four semester hours. HULTGREN.

2. BEGINNING GREEK. A continuation of Greek 1. Prereq., 1. Credit, four semester hours. HULTGREN.

Latin

1. **BEGINNING LATIN.** An introductory course leading to the reading of easy Latin stories of history and mythology and designed as preparation for Latin 2. Credit, four semester hours. HULTGREN.

2. **BEGINNING LATIN.** The early part of the course consists of easy narrative dealing with mythology and Roman history followed by selections from Caesar's *Gallie War*. There is considerable review of fundamentals. Prereq., 1, or one year of high school Latin. Credit, four semester hours. HULTGREN.

102. **VERGIL.** Readings from *Aeneid* Books I-VI. Prereq., Latin 101 or 3 years high school Latin. Credit, four semester hours. HULTGREN.

123. **CICERO'S ORATIONS.** Some of the introductory lessons include translations from Caesar's *Gallie War*. Selected orations. In general an effort is made to provide an adequate review as well as to develop progress in reading a new author. Prereq., 2 or two years of high school Latin. (Students whose Latin 2 is not fresh should take Latin 127.) By correspondence only. Credit, four semester hours. HULTGREN.

127. **CLASSICAL LATIN PROSE.** A course for those who have had two or more years of high school Latin, or an equivalent amount of college Latin (six semester hours of first and second semester Latin). Those who desire a thorough review of Latin grammar are to register for three hours credit. Those who are at home in the essentials of Latin grammar, including the uses of the infinitive and subjunctive, the gerund and gerundive, may register for only two hours credit. All students are to read the *Res Gestae* of the Emperor Augustus and selected *Lives* of Nepos. Students who had their preparatory Latin some time ago may, by taking the three-hour version of this course in place of Latin 2, get both review and advanced work. The two-hour version is suitable for any student who has not read the authors specified. By correspondence only. Credit, two or three semester hours. HULTGREN.

ECONOMICS

101. **PRINCIPLES OF ECONOMICS.** The basic theory and economic analysis of prices, markets, production, wages, interest, rent, and profits. Not open to freshmen nor to those who have had 11 and 12. Credit, three semester hours. PICARD.

102. **PRINCIPLES OF ECONOMICS.** The economic problems and economic institutions of society. Among the problems analyzed are labor unions, money and banking, taxation, public utilities, international trade, business cycles, and agriculture. Prereq., 11 or 101. Credit, three semester hours. PICARD.

309. PUBLIC UTILITIES. The economic basis of the public utility concept and its relation to business organization. The nature, scope, development, legal organization, and regulation of public utilities. Prereq., 12 or 102. Credit, three semester hours. PICARD.

315. PUBLIC FINANCE. Analysis of spending and taxing functions of federal, state, and local governments. The growing importance of fiscal policy in determining level of employment. The economic effects of the various taxes of federal, state, and local governments. Prereq., 12 or 102. Credit, three semester hours. PICARD.

335. LABOR ECONOMICS. Survey of the economic forces generating modern labor problems. Among the topics considered are: history of the labor movement, labor in politics, labor-management relations, wages, and full employment. Prereq., 12 or 102. Credit, three semester hours. CREWSON.

EDUCATION

Elementary Education

102. LITERATURE FOR CHILDREN. Experiences with children, developing plans for organizing the literature program in the elementary school, and criteria for evaluating books written for children. Credit, three semester hours. SHRIGLEY.

103. STUDIES OF CHILDREN. Bases for a developmental theory of education; growth sequences through adolescence; principles of development, behavior, and learning; techniques of child-study; systematic observation of children during the course; implications for educational practice. Credit, three semester hours. QUICK.

163. TEACHING OF READING AND LANGUAGE. A practical course covering the language arts program in the elementary school. Methods and materials valuable in promoting child development in reading and the expressive phases of language are given major emphasis. Credit, three semester hours. MILLIKEN.

165. TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL. Criteria for determining the arithmetic program; a grade-by-grade development of topics and methods of presentation. Credit, three semester hours. BENZ, EVANS.

169. TEACHING OF SOCIAL STUDIES AND SCIENCE IN THE ELEMENTARY SCHOOL. Materials and methods used in teaching the content subjects in the elementary schools, with special emphasis upon unit teaching, social studies skills, and practical experiences in the teaching of science. Credit, three semester hours. SHUSTER.



Secondary Education

Students desiring to obtain an Ohio Teaching certificate may complete for credit by correspondence not more than one of the two courses in secondary education.

130. SECONDARY EDUCATION. A historical, comparative, and contemporary study of secondary education. Emphasis is placed on the interrelations of school and society; administrative considerations such as pupil personnel, and the control, support, and organization of schools; and the objectives of education, programs of study, and student activities. Prereq., Psych. 5 and sophomore standing. Credit, three semester hours. SHOEMAKER.

229. CURRICULUM AND TEACHING PRACTICES. Topics which receive major consideration are curricular content and organization, principles of teaching-learning, techniques of classroom work, evaluation, and the respective roles of the teacher and the pupil. Prereq., Ed. 130. Credit four semester hours. C. ROBERTS.

General Education

125. THE PURPOSES AND PRACTICES OF EDUCATION. An introductory survey of the American public school system at all grade levels; objectives, curricular problems, guidance, organization, and administration as they affect the teacher. Not open to students who have had Ed. 130. Prereq., second semester sophomore standing. Credit, three semester hours. LYNN.

History of Education

350. THE HISTORY OF EDUCATION. Studies the agencies of education and the social forces which have conditioned them during ancient, medieval, and modern times. Prereq., 6 hrs. education and Psych. 5. Credit, three semester hours. SHOEMAKER.

ENGINEERING

229. REVIEW OF ENGINEERING FUNDAMENTALS. A review of the fundamental engineering subjects with emphasis on the type of questions usually asked on the Ohio State Professional Engineers examination. The first half of the course covers general engineering subjects and the second half, a specific field. Prereq., permission. This is a non-credit course but includes twelve lessons and the fee is that for a one semester hour course. HICKS.

Engineering Graphics

1. ENGINEERING DRAWING. Freehand lettering, use of instruments, geometric constructions, freehand drafting, orthographic, projection, auxiliary and sectional views, dimensioning. Credit, two semester hours. SARCHET.

2. **ENGINEERING DRAWING.** Isometric, oblique, detail and assembly drawing. Intersections, developments, tracings and blue prints. Working drawings made from actual machine parts are dimensioned in the accepted American Standard method. Prereq., 1. Credit, two semester hours. SARCHET.

Civil Engineering

120. **APPLIED MECHANICS (Statics).** Laws of equilibrium of forces; friction; centroids and moment of inertia. Prereq., Math. 101 or with Math 101. Not open to students regularly enrolled at Ohio University. Credit, three semester hours. BADGER.

121. **APPLIED MECHANICS (Dynamics).** Motion of a particle and of rigid bodies. Work and energy; impulse and momentum. Prereq., 120, Math. 102 or with Math. 102. Not open to students regularly enrolled at Ohio University. Credit, three semester hours. BADGER.

ENGLISH

3. **ENGLISH COMPOSITION.** A progression from simple expository paragraphs to criticism of literary models. Credit, three semester hours. KNECHT.

4. **ENGLISH COMPOSITION.** A continuation of English 3. Prereq., 3. Credit, three semester hours. HOLMES.

101. **ENGLISH LITERATURE.** From the middle ages through the seventeenth century. Emphasis on Chaucer, Shakespeare, and Milton. Prereq., 4. Credit, three semester hours. HAND, PICKARD.

102. **ENGLISH LITERATURE.** From the eighteenth century to the present. Prereq., 4. Credit, three semester hours. HAND, PICKARD.

111. **CHIEF AMERICAN WRITERS.** Franklin, Emerson, Thoreau, Melville, Hawthorne, Poe, Whitman, Dickinson, and others. Prereq., 4. Credit, three semester hours. STONE.

112. **CHIEF AMERICAN WRITERS.** Twain, James, Crane, O'Neill, Eliot, Hemingway, Faulkner, Miller, and others. Prereq., 4. Credit, three semester hours. KNECHT.

223. **SHAKESPEARE.** The comedies and historical plays. Prereq., 4. Credit, three semester hours. McDONNELL. (Available January 15, 1963.)

224. **SHAKESPEARE.** The principal tragedies. Prereq., 4. Credit, three semester hours. McDONNELL. (Available October 15, 1962.)

251. **SHAKESPEARE.** A study of Shakespeare's life and times, and a reading of at least two plays in each period of his development. Prereq., 4. Credit, three semester hours. By correspondence only. MCDONNELL. (Not available after October 1, 1962.)

262. **THE CONTEMPORARY NOVEL.** Galsworthy, Conrad, Joyce, Woolf, Dreiser, Wolfe, Huxley, Hemingway, Faulkner, and others. Prereq., 4. Credit, three semester hours. MARKS.

264. **THE TEACHING OF HIGH SCHOOL ENGLISH.** The content and presentation of grammar, composition, and literature. Prereq., 4 and junior standing. Credit, three semester hours. L. BROWN.

268. **CONTEMPORARY POETRY.** Yeats, Auden, Eliot, Frost, Thomas, and younger writers. Prereq., 4. Credit, three semester hours. PURDUM.

285. **THE BIBLE AS LITERATURE.** The historical books of the Old Testament; other narratives; brief survey of the early poetry and prophecy. Prereq., 4. Credit, three semester hours. WHAN.

286. **THE BIBLE AS LITERATURE.** Prose and poetry from the Old Testament; Jesus; Saint Paul; continuity of Hebrew literary traditions in the Old and the New Testaments. Prereq., 4. Credit, three semester hours. WHAN.

290. **CREATIVE WRITING.** Individual work in the writing of fiction and non-fiction—short stories, essays, articles, and verse. Prereq., 4, and permission (to be secured by submitting a brief autobiographical sketch). Credit, three semester hours. WORTHINGTON.

293. **ADVANCED COMPOSITION.** The rhetorical and grammatical principles of composition; practical work in a variety of writing problems. Prereq., 4. Credit, three semester hours. MORRIS.

FINE ARTS

121. **HISTORY OF PAINTING AND SCULPTURE.** A chronological survey of the history of art from the earliest time to the Renaissance. The principal periods of art history are made familiar to the student through a study of the most significant surviving examples of architecture, sculpture, painting, and the so-called minor arts. Credit, three semester hours. OLPP.

123. **HISTORY OF MUSIC.** The history of musical expression from primitive times covering the Greek and Roman period; early Christian music; polyphony; beginnings of opera, oratorio, and orchestra; and the period of Classicism. The course is designed to give the student an intimate acquaintance with music through study of forms of expression, instrumental and vocal, and the study of artists and their historic background. Not open to students who have credit in Music 5. Credit, three semester hours. SUESS.

124. HISTORY OF MUSIC. An intensive study of the great musicians in Europe, and their contributions to the development of music during the nineteenth and first half of the twentieth centuries. It includes, also, a study of the development of music in the United States and Latin America from early colonial times to the present. Prereq., 123. Credit, three semester hours. SUESS.

GEOGRAPHY

150. GEOGRAPHY AND ENVIRONMENT. Survey of man's response and adjustment to the varied natural environment throughout the world, employing the concepts of human geography. Not open to students who have had Geog. 3 or 4. Credit, three semester hours. KORSOK.

GERMAN

101. INTERMEDIATE GERMAN. Modern German stories of intermediate difficulty will be read to increase your vocabulary and to develop your ability to read with comprehension. Prereq., German 2 or two years high school German. Credit, three semester hours. KRAUSS.

102. INTERMEDIATE GERMAN. In this course, a continuation of Intermediate German 101, you will read two modern works, *Hochensonne* and *Jacobowsky und der Oberst*, Prereq., 101. Credit, three semester hours. KRAUSS.

103. SCIENTIFIC GERMAN: CHEMICAL READINGS. A reading course designed to develop your vocabulary of German chemical terms and to develop your ability to read with comprehension. Prereq., 2 or 2 years high school German. Credit, three semester hours. KRAUSS.

105. READINGS IN MEDICAL GERMAN. A reading course designed to increase your vocabulary of German medical terms and to develop your ability to read with comprehension. Prereq., 101 or 3 years high school German. By correspondence only. Credit, two semester hours. KRAUSS.

320. NINETEENTH CENTURY GERMAN SHORT STORY. A reading course of representative stories by Hauff, Storm, Stifter, Keller, and Meyer. Prereq., 102. Credit, two semester hours. KRAUSS.

GOVERNMENT

1. AMERICAN GOVERNMENT. Political and constitutional development, the organization and functioning of the national government. Not open to juniors and seniors. Credit, three semester hours. COLLINS.

2. AMERICAN GOVERNMENT. Organization and functioning of state and local governments. Not open to juniors and seniors. Credit, three semester hours. COLLINS.

101. COMPARATIVE GOVERNMENT. The government and politics of major foreign powers, including organization, procedures, popular representation, and the impact of social and economic forces. This includes Great Britain, Germany and a non-Western state. Credit, three semester hours. **ELSBREE.**

102. COMPARATIVE GOVERNMENT. The government and politics of major foreign powers, including organization, procedures, popular representation, and the impact of social and economic forces. This includes France and the Soviet Union. Credit, three semester hours. **ELSBREE.** (Available October 15, 1962.)

203. MUNICIPAL GOVERNMENT AND ADMINISTRATION. The creation and legal powers of cities; municipal elections and politics; and analysis of the administrative functions and problems of city government. Prereq., 6 hrs. Credit, three semester hours. **COLLINS.**

216. INTERNATIONAL RELATIONS. Basic factors involved in world politics, including the modern state system, nationalism, militarism; the evolution of international relations, forces and conditions affecting international relations, and the formulation of national foreign policies. Prereq., 6 hrs. govt. or hist. Credit, three semester hours. **BALD.**

GREEK — See Classical Languages

HEALTH — See Physical Education

HISTORY

1. WESTERN CIVILIZATION IN MODERN TIMES. The course covers the period from 1450 to 1815. It stresses the Renaissance, the Protestant Reformation, the agricultural and commercial revolutions, European expansion, the French Revolution, and Napoleonic Era. Not open to juniors and seniors. Credit, three semester hours. **MAYES.**

2. WESTERN CIVILIZATION IN MODERN TIMES. This course places emphasis on the industrial revolution, the unification of Italy and Germany, modern imperialism in Africa and Asia, the rise of Japan, the United States as a world power, World War I, the rise of totalitarian states, World War II, and efforts toward world organization. Not open to juniors and seniors. Credit, three semester hours. **DOXSEE.**

101. HISTORY OF THE UNITED STATES. A survey course covering the political, diplomatic, social, and economic development of American history to 1865. Credit, three semester hours. **DANIEL.**

102. HISTORY OF THE UNITED STATES. A survey course covering the political, diplomatic, social, and economic development of American history from 1865 to the present. Credit, three semester hours. LOBDELL.

105. HISTORY OF OHIO. A survey from earliest times to the present: social, economic, and political. Credit, three semester hours. C. ROBERTS.

269. TEACHING OF THE SOCIAL STUDIES IN JUNIOR AND SENIOR HIGH SCHOOLS. The nature, development, purpose, and value of the social studies, with emphasis on methods and techniques of instruction in this field. Problems of curriculum reorganization, unit planning, materials of instruction, and evaluation. Prereq., 12 hrs. social sciences. Credit, three semester hours. C. ROBERTS.

325. THE WESTWARD MOVEMENT. Expansion from the Atlantic to the Pacific. Explorations, Indian trade, land policies, pioneer life, territorial acquisitions and state making, trails and railroads to the Far West, rise of cowboy land, types of later frontiers, and influence of the West upon American ideals and institutions. Prereq., 6 hrs., including 101. Credit, three semester hours. DANIEL.

HOME ECONOMICS

7. THE HOME AND ITS FURNISHINGS. A practical and aesthetic study in house furnishings including basic art qualities, styles of houses and interiors; analysis of modern floor plans; selection and arrangement of furniture and accessories. Credit, two semester hours. LANGFORD. (Available October 1, 1962)

108. CONSUMER PROBLEMS OF THE FAMILY. Personal finance and retailing activities as they affect the role of the consumer. Credit, two semester hours. MACAULEY. (Available February, 1963.)

110. TEXTILES. A basic textile course involving the study of textile fibers and the construction, processing, and care of fabrics. Credit, two semester hours. COWAN.

125. FAMILY NUTRITION. The relation of nutrition to growth, development, and maintenance of health in all age groups. Credit, three semester hours. LEWIS.

HUMANITIES

107. GREAT BOOKS. Guided reading of literary masterpieces, ancient and modern; consideration of man's relation to God, right and wrong, society, and environment. The following works are studied: Homer, *Odyssey*; Aeschylus, *Prometheus Bound*; Sophocles, *Philoctetes*; Euripides, *Bacchae*; Plato, Selections; Shakespeare, *Othello*; Voltaire, *Candide*; Goethe, *Faust*, Part

I; Dostoevsky, *Crime and Punishment*; Ibsen, *Selected Plays*. Not open to freshmen or to those who have had Humanities 7. Credit, three semester hours. WELLS. (Available September 15, 1962.)

108. GREAT BOOKS. Guided reading of literary masterpieces, ancient and modern; consideration of man's relation to God, right and wrong, society, and environment. The following works are studied: Aeschylus, *Agamemnon*; Sophocles, *Antigone*; Sophocles, *Oedipus Rex*; Euripides, *Suppliants*; Aristophanes, *Lysistrata*; *Old Testament*, selections; Thucydides, selections from *History of the Peloponnesian War*; *Beowulf*; Dante, *Divine Comedy*; Shakespeare, *Hamlet*; Flaubert, *Madame Bovary*. Not open to freshmen or to those who have had Humanities 8. Credit, three semester hours. CULBERT. (Available September 15, 1962.)

INDUSTRIAL ARTS

260. TEACHING OF INDUSTRIAL ARTS. Methods of presenting technical and related material in industrial arts classes. Prereq., 12 hrs. Credit, three semester hours. CALVIN.

309. ADMINISTRATION OF THE GENERAL SHOP. Types of organization, laboratory planning, equipment selection, and accounting systems are studied. Prereq., 12 hrs. Credit, three semester hours. PAIGE.

326. HISTORY OF INDUSTRIAL AND VOCATIONAL ARTS. Development of industrial arts and industrial vocational education from their earliest beginnings down to the present. Some special consideration is given to federal legislation regarding these areas of education and their administration in the state of Ohio. Credit, three semester hours. HAWLK.

JOURNALISM

322. FEATURE AND MAGAZINE WRITING. A study of newspaper, magazine, and pictorial features, followed by practice in writing and marketing of various types. The course includes finding subjects, securing photographs, writing articles, and surveying markets. Prereq., Journ. 107, Newspaper Reporting, or 12 hrs. of English, or permission. Credit, three semester hours. BAIRD.

323. ADVANCED FEATURE AND MAGAZINE WRITING. Students are permitted wide range in selecting feature subjects. High grade writing is stressed with definite idea of publication. Prereq., 322. Credit, two semester hours. BAIRD.

LATIN — See Classical Languages

LIBRARY SCIENCE

291. THE SCHOOL LIBRARY. Study of methods and materials used in organizing school library service, and developing library use among school pupils. Required for a minor in library science. Credit, three semester hours. LINNENBRUEGGE.

MANAGEMENT

3. INTRODUCTION TO BUSINESS. A survey of the operations of business, large and small, in our capitalistic system with observations of the changes taking place in our free enterprise society. An understanding of the technical language of industry and the development of the vocabulary of business and business terms. Not open to upperclassmen working toward the Bachelor of Science in Commerce degree. Credit, three semester hours. BECKERT.

211. INDUSTRIAL MANAGEMENT. An examination of the basic fundamentals of management underlying the solution of problems of organization and operation in all business enterprise. Prereq., Ec. 12 or 102, junior rank, or permission. Credit, three semester hours. BOLON.

312. ADMINISTRATION OF PERSONNEL. A comprehensive survey in the principles of management of people in business organizations and institutions. Among the subjects treated are employee selection, training, and rating; labor turnover; job analysis; wage and salary administration. Prereq., 211, or permission. Credit, three semester hours. BOLON.

MARKETING

155. MARKETING PRINCIPLES. The principles, methods, and policies of marketing consumers' goods and industrial goods. Prereq., Ec. 12 or 102. Credit, three semester hours. PAYNTER.

271. SALES MANAGEMENT. Problems in the management of the sales organization and in some of the immediately related fields of management. Prereq., 155. Credit, two semester hours. By correspondence only. RAYMOND.

MATHEMATICS

1. ELEMENTARY ALGEBRA. A course for students with no high school algebra. Credit and points not counted toward degree. Credit, three semester hours. JASPER.

2. EUCLIDEAN GEOMETRY. A course for students with no high school geometry. Prereq., 1, or 1 yr. high school algebra. Credit and points not counted toward degree. Credit, three semester hours. MACK.

3. COLLEGE ALGEBRA. Exponents and radicals; quadratic equations; proportion and variations; binomial theorem; progressions; determinants. Prereq., 2, or 1 year each in algebra and geometry in high school. Credit, three semester hours. JASPER.

15. FRESHMAN MATHEMATICS. Algebra and plane trigonometry. Not open to students who have had 3, College Algebra, 9, Fundamentals of Mathematics, or 14, Trigonometry. Prereq., 2, or 1 yr. each in high school algebra and geometry, or equivalent. Credit, five semester hours. MARQUIS.

16. ANALYTIC GEOMETRY AND CALCULUS. Topics in analytic geometry, functions and limits, differentiation and integration of algebraic forms, application of derivatives, and integration. Prereq., 14 or 15, or qualification by examination. Credit, five semester hours. BUTNER.

34. BASIC MATHEMATICS FOR BUSINESS ANALYSIS. A study of interest, annuities, sinking funds, valuation of bonds, capitalized cost, life insurance, and life annuities. Prereq., 3. Credit, three semester hours. MARQUIS.

56. PLANE TRIGONOMETRY. The definitions of the trigonometric functions and the relations among them; the addition theorems, functions of the double and half angles; computations with logarithms and the solutions of the oblique triangles. Prereq., a course in college algebra or equivalent. Credit two semester hours. By correspondence only. BUTNER.

101. ANALYTIC GEOMETRY AND CALCULUS. Conics, differentiation and integration of transcendental functions, polar coordinates, parametric equations, curvature, integration, and indeterminate forms. Prereq., 16. Credit, four semester hours. MARQUIS.

102. ANALYTIC GEOMETRY AND CALCULUS. Solid analytic geometry, series, expansion of functions, partial derivatives, multiple integrals, and elementary differential equations. Prereq., 101. Credit, four semester hours. GOEDICKE.

104. COLLEGE GEOMETRY. Brief review of elementary plane Euclidean geometry. Selected topics in axiomatics, modern Euclidean and non-Euclidean geometries. Prereq., 16. Credit, three semester hours. MARQUIS.

111. FOUNDATIONS OF ELEMENTARY ARITHMETIC. Study of number systems, algebraic processes, and nature of proof. Emphasis on functional competence. Prereq., high school algebra, plane geometry. Open to elementary education majors only. Credit, three semester hours. FISHBACK.

268. TEACHING OF MATHEMATICS IN HIGH SCHOOL. An analysis of the basic ideas of algebra and geometry. Methods of presenting topics in these subjects to junior and senior high school students. Prereq., 16, Psych. 5. Credit, three semester hours. FISHBACK.

MUSIC — See Fine Arts**PHILOSOPHY**

1. PRINCIPLES OF REASONING. The use of evidence in establishing reliable conclusions. Not open to juniors and seniors. Credit, three semester hours. RUCHTI.

110. INTRODUCTION TO PHILOSOPHY. An analysis of typical philosophical problems arising in the study of nature, society, religion, and art for the purpose of developing a thoughtful and consistent intellectual perspective. Credit, three semester hours. SHERIDAN.

201. ETHICS. A comparison of theories of the right and the good which enter into contemporary thought. Credit, three semester hours. WIEMAN.

PHYSICAL EDUCATION

102. PERSONAL AND COMMUNITY HEALTH. Hygienic practices and an appreciation of the means whereby the health of the individual and of the group may be maintained. Credit, three semester hours. TREPP.

127. FIRST AID. Principles and practices of American Red Cross First Aid. Red Cross certificate cannot be issued. Credit, two semester hours. LA-TOURRETTE.

152. KINESIOLOGY. A study of muscular actions in their relation to the problems of bodily development and efficiency. It also deals with the common postural defects and the exercises for their treatment. Not open to Ohio University majors in physical education. By correspondence only. Credit, two semester hours. TREPP.

153. NATURE AND FUNCTION OF PLAY. The historical background, theory, need, and administration of play, emphasizing play programs for schools, recreation centers, camps, and clubs. Credit, two semester hours. RHOADS.

181. INTRAMURAL SPORTS. Current practices, ideals, and methods of organizing and administering a program of intramural sports at all age levels. By correspondence only. Credit, two semester hours. RHOADS.

269. TEACHING OF HEALTH. Instruction, principles, and curricula used in presenting health information to pupils in the elementary and secondary schools. Prereq., 102. Credit, three semester hours. TREPP.

270. TEACHING OF PHYSICAL EDUCATION. Objectives, organization, and program suggestions for elementary school. Credit, one semester hour. O'NEAL.

304. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Physical education systems and their influences from the time of the Greeks; principles underlying physical education in the modern program of education. Prereq., Zool. 133-134 or equivalent. Credit, three semester hours. MASON.

306. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. Methods of organizing and administering health and physical education, recreation, and athletics in schools and colleges. Prereq., junior or senior rank. Credit, three semester hours. MASON.

349. COMMUNITY RECREATION. History of the play movement, programs and program building, administration of playgrounds, community centers, and recreational activities. Prereq., ten hrs. and senior or graduate rank. Credit, three semester hours. LATOURRETTE.

PHYSICAL SCIENCE

3. THE PHYSICAL WORLD. A general physical science course designed for non-science majors. This course includes an introduction to astronomy, meteorology, and topography. This course is not credited for a laboratory science at Ohio University, unless the student earns one additional hour of credit in laboratory work appropriate for the course. Not open to juniors and seniors. Credit, two semester hours. PIERCE.

4. THE PHYSICAL WORLD. A general physical science course designed for non-science majors. This course includes chemistry and physics. This course is not credited for a laboratory science at Ohio University, unless the student earns one additional hour of credit in laboratory work appropriate for the course. Not open to juniors and seniors. Credit two semester hours. PIERCE.

PHYSICS

5. INTRODUCTION TO PHYSICS. Fundamentals of mechanics, electricity, magnetism, heat, light, sound, and atomic structure. For pre-professional students. This course is not credited as a laboratory science at Ohio University, unless the student earns one additional hour of credit in laboratory work appropriate for the course. Credit, three semester hours. SHIPMAN.

6. INTRODUCTION TO PHYSICS. This course follows logically the above course, 5. It is not credited as a laboratory science at Ohio University, unless the student earns one additional hour of credit in laboratory work appropriate for the course. Credit, three semester hours. SHIPMAN.

PSYCHOLOGY

1. GENERAL PSYCHOLOGY. A survey of the most significant facts and principles of behavior. Not open to juniors and seniors. Credit, three semester hours. PATRICK.

2. **PRINCIPLES OF PSYCHOLOGY.** An extension of 1, with emphasis on learning, motivation, sensory processes, etc. Prereq., 1 or 101. Not open to juniors and seniors. Credit, three semester hours. RUSSELL.

5. **EDUCATIONAL PSYCHOLOGY.** Psychological facts and principles of concern to those planning to teach. Prereq., 1 or 101. Not open to juniors and seniors unless working for teaching certificate. Credit, three semester hours. BRADSHAW.

103. **CHILD PSYCHOLOGY.** A study of behavior in infancy and childhood. Prereq., 1 or 101. Credit, three semester hours. KOENIGSBERG.

110. **PSYCHOLOGY OF ADJUSTMENT.** The dynamics, development, and problems of human adjustment and effective behavior throughout the life-span. Prereq., 1 or 101. Credit, three semester hours. RUSSELL. (Available October 15, 1962.)

310. **BEHAVIOR PATHOLOGY.** An empirical approach to the dynamics of behavior disorders. The integration and application of motivational, emotional, perceptual, and learning principles to maladjustments, including psychoneurosis. Prereq., 9 hrs. Credit, three semester hours. PATRICK. (Not available after October 1, 1962.)

312. **ABNORMAL PSYCHOLOGY.** Man's mental deviations from the normal; the theory, application, and limitations of psychoanalysis; methods of studying abnormal mental processes, especially psychoses. Prereq., 9 hrs. or 6 hrs. and 6 hrs. zoology. Credit, three semester hours. KOONS.

RADIO-TELEVISION

79. **INTRODUCTION TO RADIO-TELEVISION.** A survey of radio-television as mass media and their social, economic, and educational influences. Attention given to history and organization of broadcasting and to development of standards for appreciation and evaluation of programs. Credit, two semester hours. JOHNSON, HIGHLANDER. (Available October 1, 1962.)

SOCIOLOGY

220. **SOCIOLOGY OF DEVIANT BEHAVIOR.** Systematic survey and theoretical analysis of major types of deviant behavior, including criminality, suicide, drug addiction, and mental disorders. Factors underlying deviation; programs of prevention and control. Prereq., 1 or 101. Credit, three semester hours. FANNIN.

SPEECH

110. **PARLIAMENTARY PROCEDURE.** A study of the techniques involved in conducting a public gathering and in presiding over an assembly. Prereq., 1 or equivalent. Credit, one semester hour. STAATS.

STATISTICS

155. **BUSINESS STATISTICS.** The nature of numerical economic and business data such as prices, output, employment; methods used in the collection, presentation, analysis, and interpretation of these data. The subject matter includes frequency distributions, measures of central tendency, measures of dispersion, rates, ratios, percentages, index numbers, tables, sources and evaluation of data, correlation, time series analysis and sampling error. Prereq., Ec. 12 or 102, and Math. 3 and 34 or Math. 15 and 16. Credit, four semester hours. LYMBEROPOULOS.

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